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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/800,572	03/15/2004	Brian J. Brown	S63.2-6769US05	1726
** -	7590		EXAM	IINER
SUITE 400, 6640 SHADY OAK ROAD EDEN PRAIRIE, MN 55344			BUI, VY Q	
EDEN PKAIKI	E, MIN 33344		ART UNIT	PAPER NUMBER
			3773	
			MAIL DATE	DELIVERY MODE
			05/28/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)	
	10/800,572	BROWN ET AL.	
Office Action Summary	Examiner	Art Unit	
	Vy Q. Bui	3773	
The MAILING DATE of this communication Period for Reply	on appears on the cover sheet w	vith the correspondence addre	!SS
A SHORTENED STATUTORY PERIOD FOR F WHICHEVER IS LONGER, FROM THE MAILIN  - Extensions of time may be available under the provisions of 37 C after SIX (6) MONTHS from the mailing date of this communicati  - If NO period for reply is specified above, the maximum statutory  - Failure to reply within the set or extended period for reply will, by Any reply received by the Office later than three months after the earned patent term adjustment. See 37 CFR 1.704(b).	NG DATE OF THIS COMMUN CFR 1.136(a). In no event, however, may a on. period will apply and will expire SIX (6) MC statute, cause the application to become a	ICATION. It reply be timely filed  ONTHS from the mailing date of this commandation (as u.s.c. § 133).	
Status			
Responsive to communication(s) filed on 2a)    This action is <b>FINAL</b> . 2b)    Since this application is in condition for all closed in accordance with the practice unit in the practice unit in the practice unit in the practice.	This action is non-final.  Ilowance except for formal ma	•	erits is
Disposition of Claims			
4) ☐ Claim(s) 38-45 is/are pending in the applied 4a) Of the above claim(s) 41 and 43 is/are 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 38-40,42,44 and 45 is/are reject 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and all of the applied and 45 is/are reject 7.	e withdrawn from consideratio	n.	
Application Papers			
9) The specification is objected to by the Exact 10) The drawing(s) filed on is/are: a) Applicant may not request that any objection to Replacement drawing sheet(s) including the county The oath or declaration is objected to by the specific specific and the specific	accepted or b) objected to the drawing(s) be held in abeya correction is required if the drawing	ance. See 37 CFR 1.85(a). g(s) is objected to. See 37 CFR	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for for a) All b) Some * c) None of:  1. Certified copies of the priority docu 2. Certified copies of the priority docu 3. Copies of the certified copies of the application from the International B * See the attached detailed Office action for	ments have been received. ments have been received in e priority documents have bee Bureau (PCT Rule 17.2(a)).	Application No n received in this National Sta	age
Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-94)  3) Information Disclosure Statement(s) (PTO/SB/08)  Paper No(s)/Mail Date	18) Paper No	Summary (PTO-413) o(s)/Mail Date Informal Patent Application 	

#### **DETAILED ACTION**

### Election/Restrictions

Claims 41, 43 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim.

Election was made **without** traverse in the reply filed on 8/31/2007.

# Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

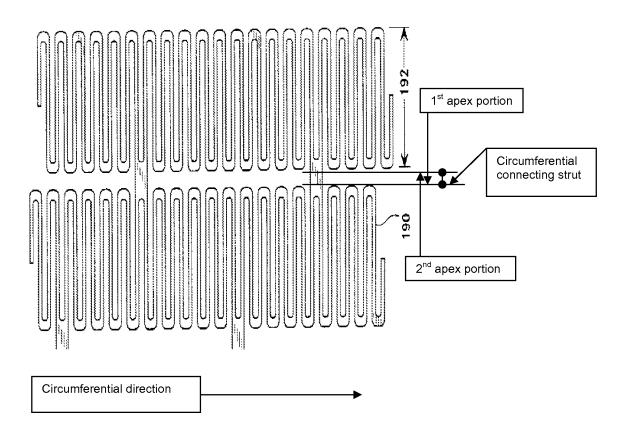
1. Claims 38-40, 44-45 are rejected under 35 U.S.C. 102(e) as being anticipated by Lau et al-5,873,906.

As to claims 38-40, 42 and 44-45, Lau-'906's Fig. 13 partially reproduced on next page shows substantially every claimed limitation.

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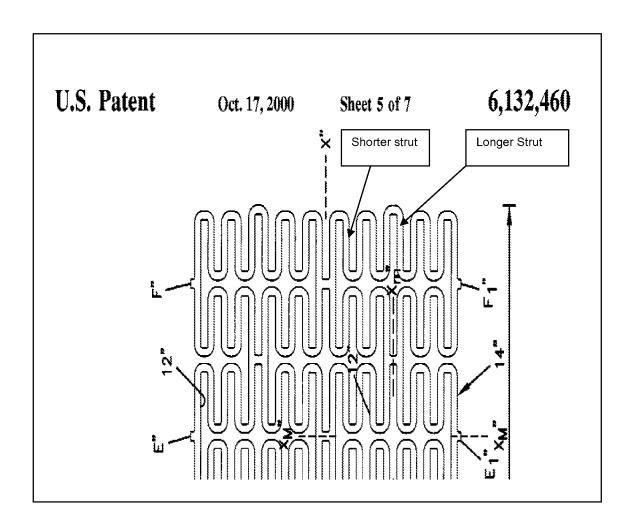
U.S. Patent Feb. 23, 1999 Sheet 8 of 14 5,873,906



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2. Claims 38-40, 44-45 are rejected under 35 U.S.C. 102(e) as being anticipated by Thompson-6,132,460.

As to claims 38 and 42, Thompson's Fig. 7 partially reproduced below shows substantially every claimed limitation.



Notice that there is no specific limitation defining various elements as recited in the claims, such as a longitudinal strut (claim 38) or apex portion (claim 38) or a circumferential connecting strut (claim 38) in the claims. Therefore, it would be reasonable to interpret these elements in various ways that meet the limitations of the claims.

## Response to Amendment

The amendment paper 2/12/2008 is obviously an incorrect amendment because the amendment is indeed for case 10/705,273 and not for this case 10/800,572 (see paper 2/12/2008). The amendment 2/12/2008 is irrelevant respond to the non-final rejection paper 12/27/2007.

The respond for the previous Office Action (paper 12/27/2007) is therefore not effective to overcome the previous rejection.

## **Conclusion**

**THIS ACTION IS MADE FINAL**. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vy Q. Bui whose telephone number is 571-272-4692. The examiner can normally be reached on Monday-Tuesday and Thursday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jackie Ho can be reached on 571-272-4696. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Vy Q. Bui/

Primary Examiner, Art Unit 3773